

## REMARKS

The Examiner rejected claims 1 – 4, 8 – 13, 17 and 18 under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 5,973,722 to Wakai *et al.*

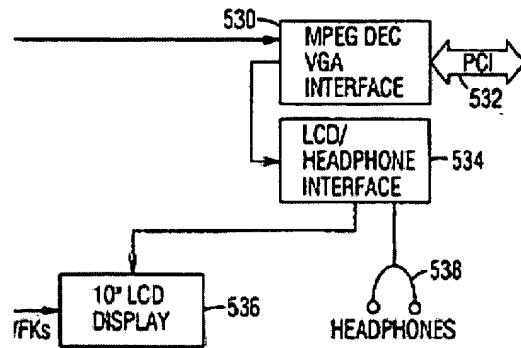
Wakai *et al.* discloses an in-flight entertainment system. This system includes, as the Examiner stated, a network adapter 526, a microprocessor 500, and a graphics adapter 530. As the Examiner also stated, the in-flight entertainment system also includes an LCD display 536. The above items are a part of the in-flight entertainment system's system management unit 114. See Wakai *et al.*, col. 11, lns. 37 – 64.

The Examiner stated:

“[T]he difference between the claimed invention and Wakai's disclosure is that the Wakai's disclosure does not explicitly show a light valve and light source as claimed. However, Wakai's disclosure shows a LCD display (item 536 of Fig. 5) that would have rendered the claimed invention obvious to an artisan, because LCD display based on light valve coupled to light source is a very well known device in the art capable of providing high brightness and efficiency without excessive power consumption.”

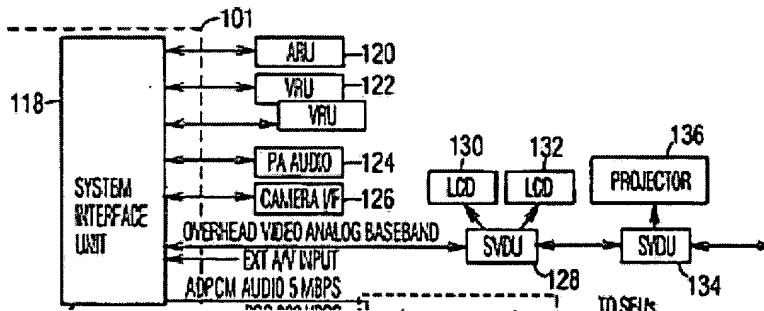
Claim 1 is directed to a “video projector.” The claimed video projector can receive video data in digital form from a network adapter, transfer the video data to (a) a microprocessor, (b) a graphics adapter and (c) a light valve in digital form.

The graphics adapter 530 of Wakai *et al.* includes a “VGA interface.” See Wakai *et al.* Figure 5. As the Examiner may know, a VGA interface utilizes three discreet analog signals to send red, green, and blue color signals to VGA monitors. Thus, as shown in Figure 5, a portion of which is reproduced below, the video signals from graphics adapter 530 to the LCD/headphone interface 534 are not digital video signals as required in claim 1. As a result, the graphics adapter 530 does not meet claim 1's requirement that video data is output from a graphics adapter in digital form.



In addition, the items cited by the Examiner are not a part of a “video projector” as required by claim 1. Instead, the items are a part of an in-flight entertainment system’s system management unit 114. See Wakai *et al.*, col. 11, lns. 37 – 64. According to Wakai *et al.*, “[t]he system manager unit 114 provides the interface to the attendant control panel 110.” See Wakai *et al.*, col. 6, lns. 6 – 8. Thus, the LCD display 536 does not “project” video.

Wakai *et al.* does disclose a video projector 136. See Figure 1, Figure 15A, and Figure 15B. As shown in Figure 1, a portion of which is reproduced below, the video projector 136 receives analog video signals and does not receive digital video signals.



Thus, video projector 136 of Wakai *et al.* does not meet claim 1’s limitation that the video projector receives video data in digital form.

In summary: (1) the graphics adapter 530 cited by the Examiner does not output video data in digital form as required by claim 1; (2) the items cited by the Examiner are not a part of a video projector as required by claim 1; and (3) Wakai *et al.* discloses a conventional video projector that receives video data in analog form and not in digital form as required by claim 1. Thus, Applicant submits that claim 1 is allowable. Similarly, claims 2 – 4, 8, and 9, which depend from claim 1, are believed to be allowable.

The Examiner rejected claim 10 “for the same reasons as claims 1 and 2, and the power supply (item 504) is operable to supply power to network adapter, the microprocessor, the graphics adapter and the light valve as claimed.”

Claim 10 is directed to a video projector. As discussed above, the elements of Wakai *et al.* cited by the Examiner are not a part of a video projector. Similarly, power supply 504 of Wakai *et al.* is not a part of a video projector. As discussed above, Wakai *et al.* does disclose a video projector 136. However, there is no disclosure within Wakai *et al.* that teaches that power supply 504 powers the light valve of the video projector 136. Claim 10 requires that a single power supply provides power to a video projector’s network adaptor, microprocessor, graphics adapter and light valve. Thus, Applicant submits that independent claim 10 and dependent claims 11 – 13, 17, and 18 are allowable.

The Applicant thanks the Examiner for allowing claims 19 – 47.

## CONCLUSION

It is submitted that the present application is presently in form for allowance. Such action is respectfully requested.

Respectfully submitted,

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